

BOGIFLAM M80ATO

80% ANTIMONY TRIOXIDE MASTERBATCH

PRODUCT IDENTIFICATION

Chemical Name: 80% Antimony Trioxide Masterbatch
Physical Form: White Masterbatch

BOGIFLAM M80ATO is designed for flame-retardant applications and contains 80% antimony trioxide active ingredient. The pellet-form masterbatch inhibits or prevents combustion and is suitable for processing temperatures above 260°C.

Recommended addition rate:

XLPE Compounds: 10-20%	LLDPE Compounds: 10-15%
PP Compounds: 10-15%	HDPE Compounds: 10-15%
PVC Compounds: 5-8%	

SPECIFICATION

Properties	Test Methods	Units	Values
Carrier Resin	-	-	Polyolefin
Melt Flow Rate (190°C / 5 kg)	ASTM D 1238	g/10 min	8 ± 2
Density	ASTM D 792	g/cm ³	2.80 ± 0.06

APPLICATIONS

- Extrusion pipes and cable channels.
- Injection moulding (HDPE, LDPE and LLDPE).
- Flame retardancy and char formation.

PACKAGING & STORAGE

- **Packaging:** 1 pallet: 1,250 kg (25 kg aluminium packages).
- BOGIFLAM M80ATO should be stored away from direct sunlight and heat (T < 30°C). The product should be used within 6 months of its production date.

IMPORTANT NOTICE

Please read the Material Safety Data Sheet (MSDS) carefully before using this product.